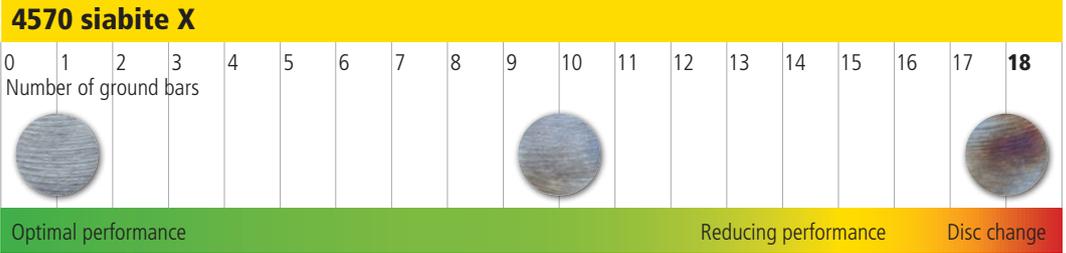




4570 siabite X

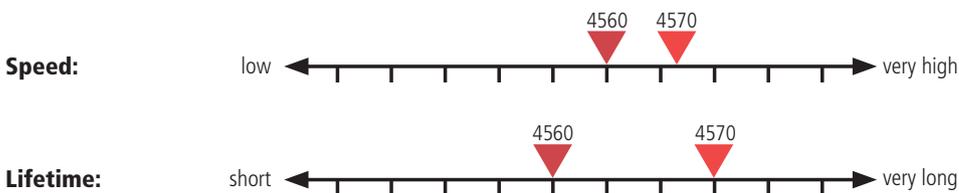
Simply the coolest grinding
with new X-Technology.

Cooler grinding – up to 80% longer life*



* Tested on stainless steel bars Ø 20mm, # 60, 10 sec. on each bar. Manual test. Turbo Backing Pad II. 1100W angle grinder.

The right abrasives for your grinding application



Product profile

Grit type: Ceramic aluminium oxide
 Grit range: 36+, 60+, 80+, 120+
 Backing: Vulcanised fibre

Special coating: X-Technology (cooling additive)
 Assortment: 100 mm, 115 mm, 125 mm, 180 mm
 Materials: Mild steel, stainless steel, aluminium

Main grinding applications

Weld preparation



Weld removal



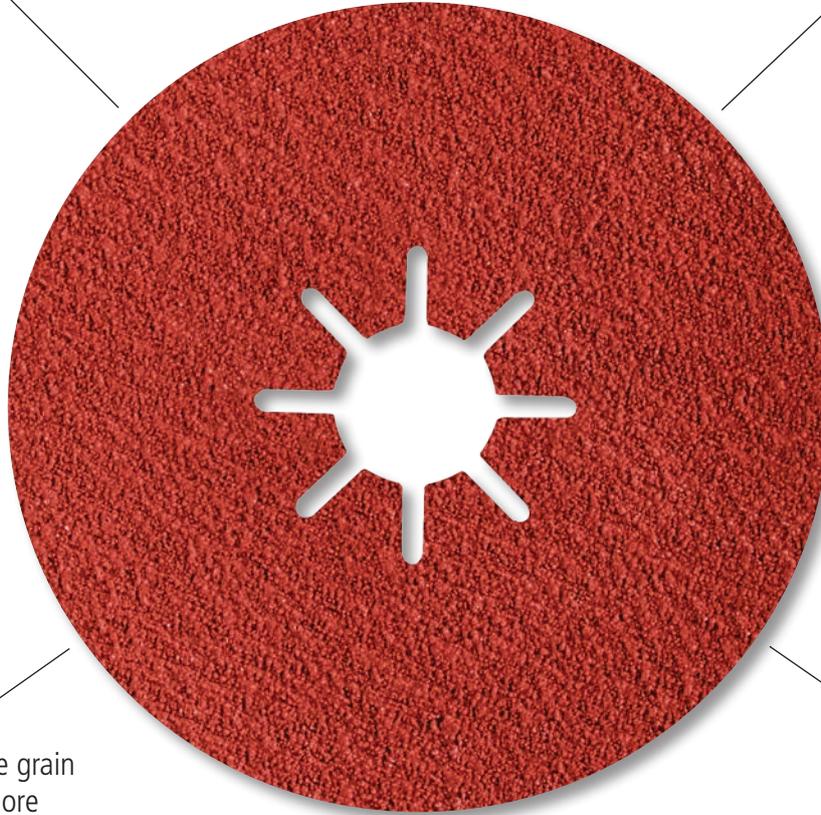
4570 siabite X – Simply the coolest grinding with new X-Technology

Longer Lifetime

X-Technology leaves more space between the grain which maximizes the total working life of the grain and therefore the disc.

Consistent Cutting Performance

X-Technology allows the grain structure to fracture more easily, maintaining a sharp cut throughout the disc lifetime.



Cool grinding

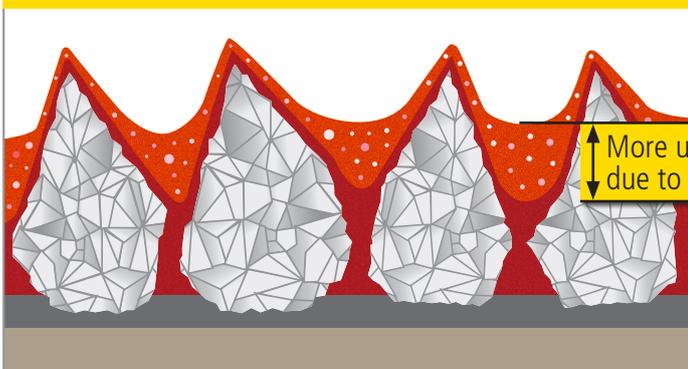
X-Technology applies the cooling aid directly on the grain surface which makes it more active during the grinding process and helps to displace heat build up quicker.

Fine Surface Finish

Specially selected grains with fine crystalline structures deliver fine finishes without compromising on cutting aggression.

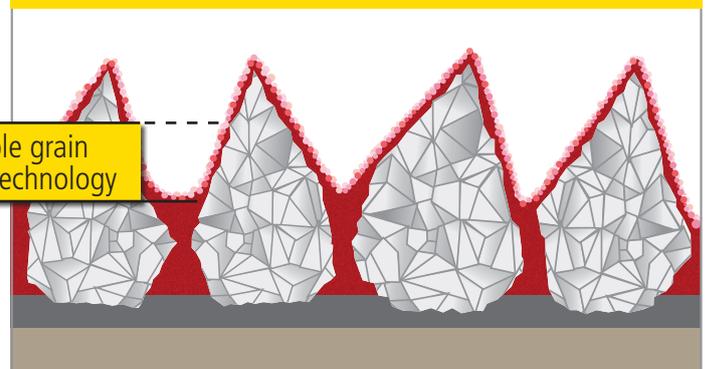
The X-Technology makes all the difference

Conventional top size



- On conventional abrasives the space between the grain is filled with top size which leads to less usable grain and therefore reduced lifetime of the disc.
- Additionally the cooling aid is mixed in the top size which restricts the effectiveness of the chemicals.

X-Technology



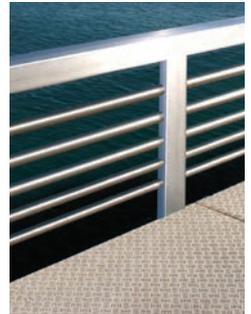
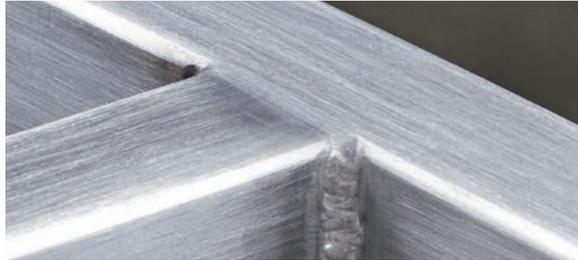
- X-Technology uses only one size coat, therefore providing more usable grain and maximising lifetime.
- The X-Technology cooling aid is strewed directly on the top of the grain which enhances cooling efficiency leading to minimal discoloration.
- The free-standing grain fractures more easily offering a fast and consistent grinding experience.

System solution – 2K finish on stainless steel When the job needs to be finished fast!

Base material: stainless steel 2b



Result: 2K satin grained finish



1 Weld Removal



4570 siabite X



Ceramic Fibre Disc
Grit: #80
Angle grinder
7'500 rpm
recommended*

2 Surface Refinement



6924 siamet HD

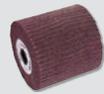


SCM Disc
Grit: Medium
Angle grinder
7'500 rpm
recommended*

3 Pre-finishing

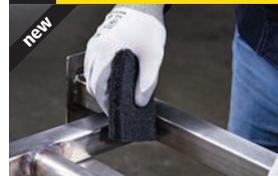


6130 siamop interleaved



Sanding wheel
Grit: Fine A / 180
Burnishing machine
full speed
recommended

4 Final-finishing



6120 siaflece



Pad
Grit: Extra cut S

Up to
20%
time reduction**



** Compared to the sia standard process

*Speed recommendations based on 115 mm and 125 mm disc diameter. For other sizes different speed recommendations apply.

Feel the difference! Boost your grinding results with the new Turbo Pad II

Aggressive grinding

thanks to a heavy duty and ribbed design which helps to increase contact pressure between the disc and the workpiece

Long life time

due to heat resistant thermostable plastic

A perfect match

for coarse fibre discs when maximum stock removal is a must!



Your Key to a Perfect Surface
www.sia-abrasives.com

